

IN THE CLAIMS:

1. (Currently Amended) A plasma lighting bulb, comprising:
a bulb emitting light, being formed of a transparent material, and having a plurality of semicircular patterns formed on a surface of the bulb due to an alignment of grooves having a predetermined depth formed on a surface of the bulb; and
a metal formed in the grooves.
2. (Original) The light bulb according to claim 1, wherein the transparent material includes one of glass and plastic.
3. (Original) The lighting bulb according to claim 1, wherein the surface of the bulb includes a plurality of patterns having one of a circular shape, a triangular shape, and a polygonal shape due to an alignment of the grooves.
4. (Original) The lighting bulb according to claim 1, wherein the grooves are formed on at least one of an outer surface and an inner surface of the bulb.
5. (Cancelled) The lighting bulb according to claim 1, wherein a cross-section of the grooves is formed of one of a semicircular shape, a V-shape, and a polygonal shape.
6. (Original) The lighting bulb according to claim 1, wherein the metal formed along the grooves is a form of a wire.
7. (Original) The lighting bulb according to claim 1, wherein the metal is filled within the grooves.
8. (Original) The lighting bulb according to claim 1, wherein the metal includes one of copper (Cu), aluminum (Al), and silver (Ag)-coated copper (Cu).

9. (Currently Amended) A plasma lighting bulb, comprising:
a bulb emitting light, being formed of a transparent material, and having a plurality of v-shaped patterns formed on a surface of the bulb due to an alignment of a plurality of grooves having a predetermined depth; and
a metal wire formed in the grooves forming the patterns.

10. (Original) The lighting bulb according to claim 9, wherein the transparent material includes one of glass and plastic.

11. (Original) The lighting bulb according to claim 9, wherein the patterns on the surface of the bulb are formed of one of a circular shape, a triangular shape, and a polygonal shape.

12. (Original) The lighting bulb according to claim 9, wherein the patterns are formed on at least one of an outer surface and an inner surface of the bulb.

13. (Cancelled) The lighting bulb according to claim 9, wherein a cross-section of the grooves forming the patterns is formed of one of a semicircular shape, a V-shape, and a polygonal shape.

14. (Original) The lighting bulb according to claim 9, wherein the metal wire is formed of one of copper (Cu), aluminum (Al), and silver (Ag)-coated copper (Cu).

15. (Original) A plasma lighting bulb, comprising:
a bulb emitting light, being formed of a transparent material, and having a plurality of hexagonal patterns formed on an outer surface of the bulb due to an alignment of a plurality of grooves having a predetermined depth; and
a metal wire blocking electromagnetic waves formed in the grooves forming the patterns.

16. (Original) The lighting bulb according to claim 15, wherein the transparent material includes one of glass and plastic.

17. (Original) The lighting bulb according to claim 15, wherein a cross-section of the grooves forming the hexagonal patterns is formed of one of a semicircular shape, a V-shape, and a polygonal shape.

18. (Original) The lighting bulb according to claim 15, wherein the metal wire is formed of one of copper (Cu), aluminum (Al), and silver (Ag)-coated copper (Cu).